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Hardy Blizzard Belt Trees, Plants and Vines

FLOWER ENTRANCE TO OUR NURSERY PARK.

The Gardner Nursery Co.
Osage, Iowa.

A DRIVEWAY IN OUR NURSERY PARK

Introduction

IF you are not already acquainted with us we want to grasp your hand across the miles, and through this catalogue introduce you to THE GARDNER NURSERY COMPANY, of Osage, Iowa, and to our HARDY "BLIZZARD BELT" nursery stock.

We are Gardners by name and gardeners by occupation.

We grow HARDY TREES. That is our business. We have been at it for nearly forty years and are proud of our record. We expect to continue growing HARDY nursery stock for another forty years, and may be longer. We are planning and working towards this end.

OUR President, MR. CHAS. F. GARDNER, was one of the pioneers in the tree business in the middle west. He has always been closely identified with the horticultural interests of the west, and was president of both the Iowa State and the Northeastern Iowa Horticultural Societies for three years in succession, and is at the present time an officer in both of these societies, besides being a life member in several societies in other states. He is the active president of our company and devotes his whole time to the business.

We try to please every customer, and our employees are instructed to always give our customers' interest preference over ours. Sometimes this costs money, but it always gains friends.

OUR MR. C. E. GARDNER, who has grown up in the business, has general charge of the various departments, and with a corps of competent assistants is able to take care of our rapidly growing trade in a way that has proved to be very satisfactory to our customers.

OUR LOCATION. Is in the Blizzard Belt of northern Iowa, about fifteen miles from the Minnesota State line, and where the thermometer often goes down to from 30 to 40° below zero during the winter months.

TERMS. Cash with order or pay at Express Office or Bank upon arrival of stock in good condition.

While we exercise the greatest of care to have our stock true to name, it is mutually agreed that we are not responsible to a greater amount than the original price paid for any of the stock that might prove to be untrue.

It is understood and agreed between purchaser and ourselves that all stock bought from us is sold under the terms as above stated.

MAR 2 1912

Key of Hardiness

Varieties with (ABC) following name are suitable for planting in all parts of the United States.

Varieties with (BC) following name are suitable for planting everywhere, except in Extreme Northern States, such as Dakotas, Minnesota, Northern Iowa, Wisconsin, Etc.

Varieties with (C) following the name are suitable for planting only in Extreme Southern and Pacific Coast States.

Southern planters may choose from all varieties listed. Planters from Central States should make their choice from those keyed (BC). Northern planters and those living in high altitudes should choose only varieties with (ABC) following name, for example:

WEALTHY APPLE (ABC)—Succeeds everywhere.
PEACHES (BC)—For Middle and Southern States.
SWEET CHERRIES (C)—Southern and Pacific Coast States.

Strawberries

The Giant Strawberry

(SEE COLORED PLATE ON COVER)

WE are very glad to be able to offer to our Friends a limited stock of this new race of strawberries which we rightly name "The Giant." It originated with us, being a sport of the "Gardner" variety, that we found growing wild in one of our red cedar groves some fifteen years ago.

The plants of this remarkable variety are veritable giants in size, with large, sturdy leaf stalks, often measuring over a foot in height. The root system is heavier than the common sorts, often going down into the soil to the distance of a foot and a quarter. This gets them down into the moist soil and enables the plants to produce a full crop of fruit in dry years, when common, surface rooted varieties fail. The berries of THE GIANT are very large, well shaped, finely colored, exquisitly flavored, and are borne in great profusion. You can safely figure on getting from three to five quarts of extra fine berries from each plant with its runners, the next season after planting and still have the bed in most excellent condition for following years. The fruit ripens medium early and bearing season extends over a period of from two to three weeks. The blossoms are strongly staminate (male) and need no other sort planted near them to insure fruitfulness. THE GIANT is the ideal home garden variety and also the ideal market berry, and stands in a class by itself. If you have a bed of THE GIANT you need no other kind.

This photo-plate of a young GIANT plant shows something of leaf stalks and its wonderful root system. A sure drouth resister.

In fact, the common sorts seem small and common indeed, when growing by the side of this new race of giants. Only yesterday a friend of ours was driving along the side of a five acre field of GIANTS and asked if they were strawberry plants. The plants were so large he thought they must be some other kind of a plant and this in face of the fact that the season has been unusually dry with us.

The special introductory prices on THE GIANT are very low, when the quality and value of this new race of plants is considered.

Extra Strong Plants, each, 15 cents; per 10, $1.25; per 50, $5.75.

This Photograph was taken on October 27th and shows how the new runners of our Everbearing Strawberries fruit the first year. All of the plants shown above are new runners of current year's growth, and began fruiting heavily when from four to six months old.

Everbearing Strawberries

FOR a number of years we have been experimenting with EVERBEARING STRAWBERRIES and have searched the world over for plants of this type. We have spent hundreds of dollars for seeds and plants from France, England and other foreign countries. Finally we found the solution to the problem right here at home. Mr. Samuel Cooper, of good "Old York State" deserves the honor of discovering the first real successful EVERBEARING STRAWBERRY. This variety he has named the Pan American and his own account of the finding of this wonderful variety is as follows:

"The first Pan American strawberry was found by me in fall of 1898, growing in a row of Bismark plants set the previous spring. This plant had made sixteen runners all of which had either ripe, green fruit or blossoms. The old plant was heavily laden with fruit. It is undoubtedly a sport or bud variation of the Bismark."

Dame Nature did a wonderful work when she produced this everbearing sport as described by Mr. Cooper. Not so much in the value of the one variety as in breaking up the regular strawberry habit of fruiting but once a year. Mere man might labor a lifetime, planting hundreds of bushels of strawberry seed and never produce a single everbearing plant of any value. But in producing the sport or bud variation which Mr. Cooper has named the Pan American, Dame Nature did the work well, and by taking advantage of her assistance we can carry the everbearing feature of the Pan American on to its seedling and a new race of true EVERBEARING STRAWBERRIES is the result.

It is only a question of time when fine, large, ripe strawberries

will be as common on the markets during the summer and fall months as they are now in June.

On reading or hearing about the EVERBEARING STRAWBERRY the first thought with the average person is that they must be a fake of some sort. This is perfectly natural for we admit that to anyone not familiar with recent developments, it does sound kind of fishy to talk about nice, ripe strawberries all through the summer and fall months. However, after a person has gone over our grounds and actually seen for himself the beds of plants loaded with both ripe and green berries and new fruit stems coming on all the time, he cannot but admit that the EVERBEARING STRAWBERRY solution has been solved.

We offer a standing invitation to everybody from everywhere to visit our grounds anytime during the summer and fall months and we will show them thousands of plants loaded with the finest quality of fruit. To those who cannot make us a visit and see for themselves at first hand, we offer the following evidence from well known people who have carefully examined our fields during the summer and fall months and who report as follows:

To Whom it May Concern:

This is to certify, that we, the undersigned, have visited the grounds of THE GARDNER NURSERY COMPANY at different times during the months of July, August, September, and as late as the 29th of October and have carefully examined their fields of *Everbearing Strawberry* plants. Each of us found thousands of plants that were loaded with blossoms and green and ripe berries in all stages of development. The berries were of good size, finely colored, of the most exquisite flavor and borne in the greatest profusion. Over thirty ripe berries having been picked from a single plant at a picking.

Besides the named varieties we also saw over four hundred entirely new sorts from four to six months old that were loaded with fruit. These new varieties not being named as yet. All were originated on the Company's grounds during the past year.

We are convinced, beyond a doubt, that this Company has originated a large number of successful varieties of *Everbearing Strawberries*, that will fruit heavily from early spring until severe, freezing weather stops them in late fall.

Signed,

J. I. SWENEY, Cashier, M. Co. Savings Bank.
R. S. HIATT, Iowa City, Iowa.
J. H. JOHNSON, President, F. N. Bank, Osage, Iowa.
J. D. DIAMOND, Route Agent, W. F. Express Co.
W. L. EATON, Railroad Commissioner, Osage, Iowa.
R. E. MORROW, Cashier Bank, Beach, N. D.
PROF. FOREST KINGSBURY, Yale Station, New Haven, Ct.
E. S. FONDA, Osage, Iowa.

Lack of room prevents printing many other names of prominent people who have examined our fields.

One thing that has had a tendency to keep many people from investigating this new American strain of everbearing plants is the fact that they have sometime in their lives tried to raise everbearing strawberry plants from seed of the old Bush Alpine variety. Because this variety bears small, dried, seedy, worthless fruit they think that all everbearing sorts must do the same. We first tried the Bush Alpine over thirty years ago and again a couple of years ago. In both instances the fruit produced was the same and as described above, practically worthless and not borne in quantities large enough to pay even if it was good fruit. We think we know as well as anyone living what the Bush Alpine is and we state just as emphatically as we possibly can that our new Pan American strain of American bred EVERBEARING STRAWBERRY plants is as different in every way from the Bush Alpine as daylight is from darkness. The plants have an entirely different look and one berry of the Pan American is as large as from 10 to 20 of the largest Bush Alpines we ever saw. We merely mention these facts in passing for some people reading about our everbearing plants would otherwise think the plants we offer were the old Bush Alpine cropping out again. Our plants are strictly American bred and as far

as we know are of no relation to the Alpines or any other foreign varieties.

We have spent hundreds of dollars experimenting with the French and other foreign types, but have discarded them all as being worthless when compared with the strictly American bred strain we are developing. Some of the foreign sorts bear good fruit during the summer and fall, but not nearly of as good quality, size, or in such quantities as do our own American bred plants.

To anyone who still remains skeptical we offer to send sample ripe berries from our plants during any of the summer or fall months. This would certainly prove beyond a doubt that we have what we claim. Requests for sample berries must be accompanied with 25 cents to show good faith. Otherwise we would be swamped with requests for free berries from curiosity seekers. The 25 cents will be allowed on first order for plants.

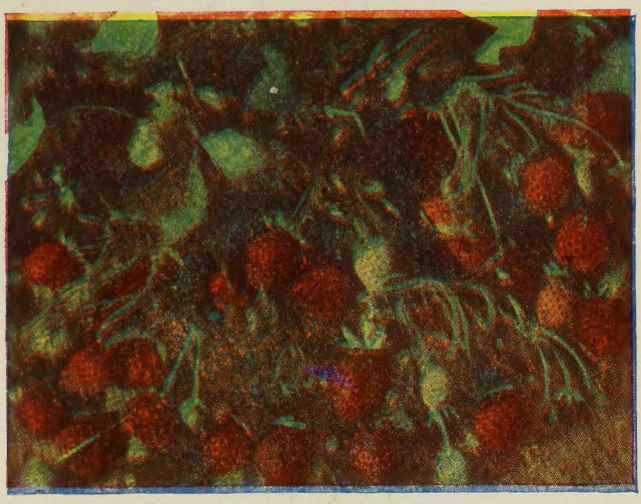
Varieties of Everbearing Strawberry

PAN AMERICAN.—The father of the American bred Everbearing varieties. Fruit is large size, good shape, firm, finely colored and of excellent flavor. If this variety was a good plant maker it would be hard to beat as it fruits heavily and continuously from middle of June until freezing weather in fall. It is, however, a very poor plant maker, growing but few runners and so is not profitable for field culture and the plants will always be scarce and high priced. At the present time we are using all of our Pan American plants for breeding purposes and so do not quote prices on them in this book.

AUTUMN—A direct descendent of the Pan American originated by Mr. Cooper. The colored plate gives the size and general appearance of the fruit of this wonderful berry. In quality it is extra fine, being sweet and of a strong strawberry flavor. One taste always calls for more. The Autumn bears a heavy crop at regular strawberry season and then commences again about the first of August and continues heavily until freezing weather in fall. The writer has personally counted 67 blossoms and berries on a single Autumn plant during the latter part of August. When freezing weather stops them the plants are loaded with blossoms and fruit and if taken into house before frosts come they will continue fruiting all winter. Plants are very hardy and will withstand late spring frosts without injury. Our Autumn plants had a full crop of fruit last year after going through three severe cold snaps that killed the fruit buds on all common varieties. Then the same plants began fruiting again along the first of August in spite of the extreme dry weather we were having at that time. They continued bearing all the rest of the summer and fall and at same time the plants were making runners, most of which also bore fruit. Many times these Autumn runners will throw out blossom buds before the runner has taken root. The Autumn is a prolific plant maker, one plant often making from fifty to sixty runners during the summer months. It is classed as a pistilate or female variety, but in fact is partly staminate as most of the blossoms have minute stamens that furnish pollen enough so that they will bear satisfactorily alone. To secure the largest sized fruit from them they should have plants of the Pan American Hybrids set near them.

Prices, for strong, well-rooted AUTUMN plants that will bear right away after planting. Each, 25 cents; per 10, $2,00; per 50, $9.00; per 100, $15.00.

PAN AMERICAN HYBRIDS—The plants are crosses between Pan American and Autumn varieties and are where the new sorts of successful everbearing plants are coming from. We have been very successful in breeding from these varieties and from one-third to one-half of our plants have commenced fruiting when only from two to four months old from seed. The colored plate gives a good average plant when loaded with fruit along the middle of September. The plants run largely to staminate or male varieties. Each plant is different from every other and each is an entirely new sort, but all follow closely after the parents. They are mostly good plant makers and heavy fruiters. Berries average good



From a photograph of a Pan American Hybrid Everbearing Strawberry Plant, taken on October 27th, after plant had been fruiting continuously since early spring.

size and have that exquisite flavor and sweetness so peculiar to the parent varieties. It is natural for these plants to bear fruit all the time they are growing. They commence as soon as new growth starts in spring and continue all the summer and fall until stopped by cold weather. In growi g these Hybrids all plants that do not show strong everbearing tendencies are dug out and not sent with orders. Our stock of the valuable Hybrids is of necessity limited. We would gladly have paid as high as $5.00 each for just such plants two years ago, when we were searching the world over for everbearing types of this most luscious of all fruits. They were not to be had and we know of no other place where such plants can even now be secured. Our price is very reasonable when the cost of labor and growing them and their great value is considered.

Price, as long as stock lasts we offer extra selected plants with fixed everbearing habits, at 50 cents each; per 10, $4.00; per 100, $25.00.

New Varieties of Everbearing Strawberries

PERPETUAL MOTION.—We consider this the best of all of the *Everbearing* varieties of strawberries. We originated it in 1909 and have named it "PERPETUAL MOTION" on account of its ability to fruit heavily and continuously from early spring until late fall. Berries of good size, finely colored, firm, and of a most delicious flavor. Plant is a strong staminate and an extra good plant maker. Averaged sixty-one runners to a plant with us the past season and at the same time old plants were loaded with fruit. Not content with this the new runners all started fruiting when from four to six weeks old. This variety has attracted a great deal of attention and many prominent horticulturists have visited our grounds to see this variety in fruiting. No plants for sale until season, 1912.

BLIZZARD KING.—Another splendid staminate Everbearing variety similar to Perpetual Motion in fruiting and plant making, but with difference in leaves and fruit. No plants for sale until season, 1912.

We have had wonderful success in our work of breeding the Everbearing Strawberry. Besides the above named varieties we have many more coming on in our testing fields that we will report on next season.

THE GARDNER STRAWBERRY

Common Strawberry Plants

OUR stock of regular commercial varieties of strawberries is very complete and includes the best of the older tried sorts. Our plants are large and thrifty, well rooted and will grow and fruit abundantly with you. They are carefully tied in bunches of twenty-five plants and are fresh dug on day of shipment.

We now grow all of our strawberry plants in propagating beds. One plant grown in this way is worth twenty dug from fruiting beds where the vitality has been allowed to go into the fruit. True, the plants cost more, but they are worth it, because they grow vigorously, making many plants which bring forth a harvest of large, luscious fruit, that is a delight to the grower. Parties who grow berries for the market can afford to sell the CHEAP plants as they get their money from the fruit, and would plow the plants up anyway. So whatever they can get for them, they are ahead.

Prices for common June fruiting strawberry plants in varieties as listed below, as follows: Each, 5 cents; per 10, 25 cents; per 100, $1.50; per 1000, $8.00.

Common Commercial Varieties

Staminate or male varieties marked (S). Pistilate or female varieties, (P).

Senator Dunlap (S)—The leading market berry.
Bismark (S)—Another good one. Fruit extra large size.
Lovett (S)—A very heavy fruiter and a good fertilizer.
Warfield (P)—A good mate for Senator Dunlap or Lovett.
Crescent (P)—A heavy plant maker and fruiter.

Special Varieties

GIANT (S)—See description on pages 3 and 4. Colored plate outside of cover. Price, each, 15c; per 10, $1.25; per 100, $10.00.

GARDNER (S)—This splendid variety was found growing wild on our grounds some fifteen years ago. Plant a strong grower. Fruit large size, bright crimson in color, and of excellent flavor. A good plant maker and seems to succeed in all kinds of soils.

Prices of The Gardner. Each, 15 cents; per 10, $1.00; per 100, $5.00. See colored plate above.

TRAILING BLACKBERRY

Blackberries (BC, also ABC if given winter Protection)

THIS excellent and profitable fruit is easily grown, and is a sure cropper each year, bringing in large returns as the fruit always brings a good price. Plants should be set in rows five feet apart, with plants three feet in the row. Give same care as required for raspberries.

PRICES,	Each.	Per 10.	Per 100.
Strong plants,	$0.15	$0.60	$3.00

Snyder—The old standby for the north. Succeeds everywhere.

Trailing

This form of blackberry is a satisfactory one for the average planter. It makes a strong growth in vine form instead of straight, upright canes. It fruits very heavily and the berries are larger than the common blackberry. Very fine color and flavor and always sells well on the markets.

Raspberries

(BC, also ABC if given winter protection.)

COMING immediately after strawberries, when there is a dearth of other fresh fruit, raspberries are much sought after for planting in the garden and also in the field for market. They are easily cultivated and beds seldom require renewing. Their season of ripening is long and fruit always in demand. Plant in good soil and manure freely from time to time. Plant four feet apart each way. Cut out the old shoots each spring.

PRICES, except where noted:

	Each.	Per 10.	Per 100.
Strong, well rooted plants	$0.15	$0.60	$3.00

Red Varieties

Turner—Fruit large size; handsome light red.
Cuthbert—Fruit large; deep, rich crimson.
Miller—Fruit large, red, and of fine flavor.
Loudon—Large, dark crimson, good quality, hardy.
King—One of the newer varieties of extreme merit. Extra hardy and fruit of fine size and quality.

Black and Yellow Varieties

Kansas—Color Jet black, large size.
Gregg—Fruit large size, color black.
Older—Fruit large, color black.
Golden Queen—Rich golden color, large size.

HOUGHTON GOOSEBERRY

Gooseberries

(All ABC.)

THE GOOSEBERRY is being cultivated more extensively as its great value for home and market use is becoming known. This fruit may be shipped long distances by freight and arrive at market in the best of condition, always bringing a good price. Our plants are of extra fine quality, and our varieties are the ones which experience has proven to be the best.

PRICES, except where noted:	Each.	Per 10.	Per 100.
Fine bushes	$0.35	$3.00	$15.00

Downing—Large size fruit, oval, greenish white.
Houghton's Seedling—Fruit large, color pale red; sweet.
Smith's Improved—Color when ripe a light green.
Carrie—A new variety originated in Minnesota. Strong, robust grower; fruits very heavily with us. Each, 50c; per 10, $4.00.

Currants

(All ABC.)

A PRACTICAL fruit grower says: "I make more from my two acres of currants year in and year out, than from any other two acres on my fruit farm." Ripening just before the raspberries, and continuing in prime order for several weeks, easy to ship and always bringing a good price, there is nothing more easily and more satisfactorily handled than the currant. Plant in rows four feet apart each way. Keep free from weeds and in a good state of fertility. Prune freely every spring. For worms use white hellebore applied with sprayer or whiskbroom. Prices except where noted:

	Each.	Per 10.	Per 100.
Strong bushes	$0.25	$2.00	$15.00

Victoria—Red. Bunches long, and berries of good size.
North Star—A thrifty grower; bunches large; red; one of the best.
Red Dutch—An old, well-known variety. Very productive.
Fay's Prolific—Berry and bunch very large. Color red.
Black Champion—Berry black; large and of excellent flavor.
White Grape—Berry large size, color white; sweet.

Grapes (BC also ABC if given winter protection)

THE grape vines we offer are extra strong ones, and will bear a good crop of fruit the second year after planting. The grape is the most healthful of fruits, and can be secured by every one who has a garden. It can be confined to a stake, bound to a trellis, trained over an arbor, and each year bear large clusters of fruit.

	Each.	Per 10.	Per 100.
Fine vines	$0.15	$1.20	$10.00

MOORE'S EARLY

Moore's Early—This splendid grape succeeds in all parts of the country. Vine extra hardy. Fruit large size and much better flavored than the Concord. Each, 25; Per 10, $2.00.
Concord—Too well known to need description.
Worden—Resembles the Concord, but ripens earlier.
Agawam—Color dark red or maroon: bunches large.
Niagara—Color white; bunches large; fine for table use.
Pocklington—Color white with golden bloom. A good grower.

Garden Roots

Asparagus

THIS is the earliest and finest of the spring vegetables. It is very profitable to grow, both for home use and market, as a bed once established will remain in good condition for thirty years or more. Have ground in good condition, and place plants 8 inches apart in the row with rows 3 feet apart. Plant deep enough so that the crowns are covered with from two to three inches of mellow earth. Enrich and give dressing of 3 lbs. salt to sq. yd. each spring.

	Each.	Per 10.	Per 100.	Per 1000.
PRICES, for Asparagus Plants;	$0.10	$0.50	$2.00	$10.00

Conover's Colossal (ABC)—Superior in size and quality.
Palmetto (ABC)—The best early variety grown.

Rhubarb (Pie Plant)

DESERVES to be ranked among the best early products of the garden. It affords the earliest material for pies and fresh table sauce, and continues long in use. Ground should be rich and deep. Plant four feet apart.

	Each.	Per 10.	Per 100.
PRICES, either variety:	$0.20	$1.50	$8.00

Myatt's Linnæus (ABC)—Early and very tender.
Early Scarlet (ABC)—Smaller than Myatt's.

Orchard Fruits

Apples

THE KING OF FRUITS. There is no state or territory in which they can not be grown with success. Out of 150 varieties growing on our grounds we select only the following sorts which we can recommend for general planting, feeling sure that they will give the best satisfaction either for the commercial orchard or for the home garden. No farm should be without its orchard.

SPECIAL NORTHWESTERN GREENING

Prices of Apple Trees

	Each.	Per 10.	Per 100.	Per 1000.
1 year, 1 to 2 ft.	$0.15	$1.25	$11.00	$100.00
1 year, 2 to 2½ ft.	.20	1.50	12.00	110.00
2 year, 3 to 4 ft.	.25	2.00	15.00	135.00
2 and 3 year, 4 to 5 ft.	.35	3.25	30.00	250.00

Summer and Fall Varieties

Duchess of Oldenburg (ABC)—Large size, streaked and shaded red.
Yellow Transparent (ABC)—Medium size, flesh juicy, sub-acid.
Red Astrachan (BC)—Large, red, rich, juicy, acid.
Early Harvest (BC)—Medium size, straw color, tender, sub-acid.

Late Fall and Winter Varieties.

Walbridge (ABC)—Medium size; striped with red; handsome.
Winesap (BC)—Medium; dark red; sub-acid; excellent.
York Imperial. (BC)—Medium to large; yellow, shaded red.
Pewaukee (ABC)—A seedling from Duchess of Oldenburg.
Special Northwestern Greening (ABC)—The king of apples for the north. Fruit large; round conical; color greenish-yellow; flesh white and tender; tree hardy, splendid grower. Season all winter.

IOWA BLUSH

Iowa Blush (ABC)—This splendid variety is fast gaining friends as its merits become better known. Fruit medium size; fine tart flavor; and borne in great abundance. Tree extremely vigorous, A splendid commercial orchard variety.

McIntosh Red (ABC)—Medium size, nearly covered with dark red; flesh white, fine, very tender, juicy and refreshing. Can supply one-year trees only at 25 cents each.

Talman's Sweeting (BC)—Medium; pale yellow, slightly tinged with red; firm, rich and very sweet.

Ben Davis (BC)—The well known market variety.

Jonathan (BC)—One of the best for table or market.

Grimes' Golden (BC)—A handsome, golden yellow apple; tree productive; one of the best for dessert.

Special Wealthy (ABC)—A very valuable variety that succeeds everywhere, especially when grown on its own hardy roots. Bears very young. Fruit large, smooth, overspread with red; fine juicy, vinous. Trees but four years in orchard have borne from a half to two bushels per tree. Colored plate on cover. Prices on page 12.

Fameuse. (BC)—Fruit medium. nearly deep red.

Mammoth Black Twig (BC)—Fruit large, dark red and handsome.

Patten's Greening (ABC)—Very large sized fruit of fair quality.

Gano (BC)—Deep red; very attractive; fine grained; mild; sub-acid.

Wolf River (ABC)—A new and beautiful fruit of the largest size.

Crab Apples

General Grant (ABC)—Red and yellow, good.
Hyslop (ABC)—Large; very dark, brilliant red.
Transcendent (ABC)— Early, large, red and yellow.
Martha (ABC)—Red and yellow, handsome, medium size.
Whitney No. 20 (ABC)—A very fine, small apple rather than a crab. splashed and striped with carmine; flesh firm and juicy. August.

Prices of Crab Apple Trees Same as for Apple Trees, See Page 12

Pears

A FEW hardy Pear trees should be in every garden as far north as Northern Iowa. Our trees are the hardiest that can be grown and will be found to give satisfaction.

VERMONT BEAUTY PEAR

Prices

	Each.	Per 10.	Per 100.
1 year, 1 to 2 ft.	$0.15	$1.40	$12.00
1 year, 2 to 2 1-2 ft.	.25	2.25	20.00
2 year, 3 to 4 ft.	.30	2.50	23.00
2 year, 4 to 5 ft.	.40	3.50	30.00

Kieffer (BC)—fruit large; rich yellow, tinged with red.
Bartlett (C)—Large size fruit, with beautiful blush on sunny side.
Duchess (C) — Color greenish yellow, with dull red cheek.
Flemish Beauty (BC)—Large, greenish yellow, with red cheek.
Garbers (BC)—Resembles Kieffer, but it ripens earlier.
Vermont Beauty (BC)—This is one of the hardiest pears we grow. Fruit of medium size, yellow, covered with red. Succeeds well as a dwarf tree. See prices above.
Dwarf Pear Trees in Duchess and Vermont Beauty at 3 cents per tree higher than above prices.

Peaches

OUR Peach trees are the finest that can be grown, and they will thrive and bear fruit where trees from the East and South will often fail.

Prices

	Each.	Per 10.	Per 100.
1 to 2 feet	$0.15	$1.00	$ 8.00
2 to 3 feet	.20	1.50	14.00
3 to 4 feet	.25	2.00	18.00

Bokhara No. 3 (BC)—The hardiest peach grown. Large size, fine quality, and immensely productive. See prices above.
Elberta (BC)—The great market Peach.
Champion (BC)—Very large, flesh white, freestone, red cheek.
Alexander (BC)—Medium size, red and white, only fair quality.
Crawford's Late (BC)—Large size; skin yellow, with red cheek.
Crosby (BC)—Medium size and beautiful color.

Cherries

OUR stock of Cherries consists of the best of the old and newer varieties. **Where to Plant.** The Cherry thrives best on a sandy or gravelly soil, but will do very well in almost any situation except a wet one. It is one of the most ornamental of fruit trees, and very desirable for planting near the dwelling, where beauty and shade, as well as fruit, are wanted.

MONTMORENCY CHERRY

Prices

	Each.	Per 10.	Per 100.
2 to 3 ft.	$0.30	$2.50	$20.00
3 to 4 ft.	.40	3.50	30.00
4 to 5 ft.	.50	4.50	40.00

Early Richmond (ABC)—Too well known to need description.
Ostheime (ABC)—A very hardy Cherry of Russian origin.
English Morello (BC)—Large fruit; dark red color.
Rocky Mountain (ABC)—A low growing dwarf. Fruit medium to large, black, sweet, with a little of the wild cherry flavor.
Montmorency (ABC)—Tree hardy and an immense bearer. Commences to fruit when young and is loaded annually thereafter. Fruit large, fine flavored, and of bright, shining red.
Yellow Spanish (C)—Large; pale yellow, with bright red cheek.
Black Tartarian (C)—Very large, purplish black.
Windsor (BC)—Fruit very large, liver colored and sweet.
Compass (ABC)—A valuable fruit for the north. Color black and of size of small plum. Extra fine for canning and pies.

Plums

OUR Plum trees usually bear a good crop the second year after planting, and we know of no fruit that will give better returns for the money expended than do the new types of Native Plums. Our trees are all grown by the best propagating method, on hardy stocks which were raised from seed gathered from northern grown trees. One such tree is worth ten grown on tender stocks. Many Plum trees, both in nursery and orchard, were root-killed south of us last winter—we did not lose a tree. It will pay you to buy the best. Except where noted.

Prices

	Each.	Per 10.	Per 100.
3 to 4 ft.	$0.35	$3.00	$25.00
4 to 5 ft.	.50	4.00	35.00

Wyant (ABC)—Fruit medium to large; purplish-red. Flesh rich yellow of best quality. One of the most productive.
De Soto (ABC)—Large to very large; purple-red.

JAPAN HYBRID PLUM

Miner (ABC)—Fruit large, roundish; color red. Season very late.
Forest Garden (ABC)—Fruit large, nearly round; deep red.
Hawkeye (ABC)—Fruit large to very large, round-oblong.
Abundance (BC)—Rich, yellow, with splashes of red.
Willard (BC)—Fruit medium size, dark red; splashed with yellow.
Wickson (BC)—Large, purplish red, very good quality.
Burbank (BG)—Large, reddish yellow, beautiful, good flavor.
Satsuma (BC)—Large, dark purple, flesh liver color.
Lombard (BC)—Small, purple, good quality when fully ripe.
Golden Drop (BC)—Large, yellow, good flavor.
Bradshaw (BC)—Large, oval; brilliant, reddish purple.
Imperial Gage (BC)—(Green Gage). Medium size, round, green.

Special Varieties New Hardy Plums

Japan Hybrid No. 2 (ABC)—This splendid Plum originated with Prof. J. L. Budd, at Ames, Iowa. Tree hardy, good grower, bears heavily and the fruit is perfect in quality and of fair size; thin skin and with no sour taste to skin or around the pit. Best flavored plum we have. Freestone. Price each, $1.00.

Japan Hybrid Seedlings (ABC)—These trees were grown from seed of original Japan Hybrid No. 2, Crossed with some of the best native sorts. The fruit will take after the parent trees, but each tree will be an entirely new variety and no two trees will bear exactly the same fruit. All that we have fruited have been of great value. Trees 2 years old, 3 to 4 feet, 75 cents each.

Quinces

THE Quince is well known and highly esteemed for cooking and preserving. It thrives best in deep, rich soil, and is benefitted by clean, high cultivation.

Prices

	Each.	Per 10.
1 to 2 feet	$0.25	$2.00
2 to 3 feet	.35	3.00

Orange (BC)—Large, roundish, bright yellow, good quality.

Russian Apricots

(BC)—The hardiest type of Apricot. Bears heavily.

Prices

	Each.	Per 10.	Per 100.
1 to 2 feet	$0.30	$2.00	$15.00

Ornamentals

Nut Trees

Good nuts are the most healthful of foods and every farm or garden nut lot should have a few nut trees or bushes. Plant heavily to good trees, for you can always dispose of your surplus at a large profit.

English Hazelnut (Filberts)

Sweet Chestnut

English Hazelnut (ABC)—The Filbert of commerce. Bush resembles the American Hazelnut but is not so rank a grower. Nuts large and of fine quality, usually selling at from 15 to 20 cents per pound. This nut can be successfully grown when planted along a fence line for hedge. Where so planted they take up no extra ground and all nuts produced are clear profit. Prices: 1 to 2 ft., 50 cents each; $4.00 per 10; $30.00 per 100. ¾ to 1 foot, size for hedge-row planting, 20 cents each; $1.50 per 10: $10.00 per 100.

Spanish Chestnut (BC)—A large, sweet eating Chestnut of good quality, and that pays well for market. If you have a rough hillside it is a good place for a few Chestnut trees, and in a few years they will bring you in a good profit. Price, 1 to 2 feet tall, 50 cents each; $4.00 per 10; $25.00 per 100.

Black Walnut (ABC)—Prices 1½ to 2 feet, 25 cents each; $2.00 per 10; $15.00 per 100.

Pecan (BC)—Year old trees, ...50 cents each; $4.00 per 10.

English Walnut (BC)— ..... 40 cents each; $3.50 per 10.

Shade and Ornamental Trees

IN no other way can the home grounds be made so beautiful and attractive as by the judicious planting of ornamental trees, shrubs and plants; and a few trees and flowering shrubs will greatly add to the selling value of a place which may otherwise be undesirable. We aim to grow a complete line of the choicest and best ornamental stock, and have many different trees, shrubs, plants and vines not listed here. Write for prices on any stock not found herein.

Am. Mt. Ash (ABC)—A favorite, erect growing tree of medium size, producing white flowers in the early spring, followed by clusters of bright scarlet berries which remain on the trees during the winter months. Each, 6 to 8 ft., 75 cts.; 5 to 6 ft., 50 cts.; 4 to 5 ft., 30 cts.; 3 to 4 ft., 20 cts.

Maple (ABC)—Silver leaved. Each, 4 to 5 ft., 25 cts.

Horse Chestnut (ABC)—A beautiful tree, forming a compact round head, with dark green foliage and an abundance of showy flowers early in the spring, and ripening large clusters of nuts early in the fall. Very hardy. Each, 3 to 4 feet, 50 cents; 2 to 3 feet, 25 cents; 1 to 2 feet, 20 cents.

Carolina Poplar (ABC)—8 to 10 ft., 75 cts.; 6 to 8 ft., 50 cts.; 4 to 6 ft., 30 cts.; 3 to 4 ft., 15 cts.; 2 to 3 ft., 10 cts.

Cut Leaved Weeping Birch (ABC)—Each, 5 to 6 ft, ... $1.00

Box Elder (ABC)—5 to 8 ft..... .40

White Elm (ABC)—6 to 8 ft.	.50
Weeping Willow (ABC)—2-yr. head	1.00
Weeping Mt. Ash (ABC)—2-yr. head	1.00
Weeping Mulberry (ABC)—2-yr. head	1.00
White Ash (ABC)—6 to 8 ft.	.50
Russian Olive (ABC)—2-3 ft. 40c, 1 to 2 ft.	.25

Forest Tree Seedlings

	Per 100	Per 1000
Soft Maple (ABC)—8 to 12 in.	$0.50	$4.00
White Ash (ABC)—1 yr., 6 to 10 in.	.75	4.50
White Ash (ABC)—10 to 18 in.	1.00	7.00
White Elm (ABC)—6 to 10 in.	.50	4.00
White Elm (ABC)—2 yr., 10 to 18 in.	1.00	8.00
Cottonwood (ABC)—1 yr.	.50	4.00
Cottonwood (ABC)—2 yr.	1.00	6.00
Mulberry (BC)—1 yr., 6 to 10 in.	.75	5.00
Catalpa Speciosa (BC)—1 yr., 8 to 12 in.	.75	5.00
Catalpa Speciosa (BC)—2 yr. 12 to 24 in.	2.00	12.00
Box Elder (ABC)—1 yr., 6 to 10 in.	.50	4.00
Box Elder (ABC)—2 yr., 10 to 18 in.	1.00	8.00
Black Locust (BC)—1 to 2 ft.	1.00	6.00
Honey Locust (BC)—1 yr.	1.00	6.00
Willow Cuttings (ABC)—	.75	4.00

Evergreens

(All ABC)

WE only grow Evergreens of the hardiest varieties, but we grow those in large quantities. We grow all of our trees from seed, here in our nurseries. Nursery grown trees are worth from 50 to 500 per cent more than wild trees, which are often worse than worthless. After 40 years' experience in growing and shipping Evergreens, we feel that we are in a position to fill your wants as well or a little better than any other nursery. No matter how far you live from us, we pack so that stock will reach you in good growing condition.

Pine.—Austrian. A robust, hardy, rapid growing pine, very valuable for this country.

	Each	Per 10	Per 100
⅓ to ½ foot	$0.05	$0.40	$ 3.00
½ to 1 foot	.0S	.60	5.00
Transplanted 1 to 1½ feet	.25	2.00	18.00
" 2 to 3 feet	.35	3.00	
" 3 to 4 feet	.50	4.00	

Pine.—Scotch. Also hardy and valuable with silver green foliage. Prices and sizes same as Austrian pine listed above.

Pine.—White. 2 year ⅓ to ½ foot, each, 5 cents; per 10, 40 cent; per 100, $3.00.

Spruce—Norway. One of the handsomest evergreens, beautiful for lawn or may be used for hedge. Perfectly hardy.

	Each.	Per 10.	Per 100.
⅓ to ½ foot, from seed beds	$0.04	$0.30	$ 2.00
½ to 1 foot, from seed beds	.10	.80	6.00
1 to 1½ feet, transplanted	.15	1.20	10.00
1½ to 2 feet, transplanted	.25	2.00	18.00
2 to 3 feet, transplanted	.40	3.00	

Spruce—Colorado Blue. ¼ to ¾ foot, from seed beds, each, 25 cents; per 10, $2.00; per 100, 15.00.

Arbor-Vitæ—American. One of the finest evergreens for Hedge or single specimens, very hardy and can be sheared into any shape.

	Each	Per 10	Per 100.
⅓ to 1 foot, from seed beds	$0.05	$0.40	$3.00
1 to 1½ feet, transplanted	.20	1.50	12.00
4 to 6 feet, transplanted	1.00	8.00	60.00

Flowers and Shrubs

Hardy Flowering Shrubs

NO one need be without flowers on the home grounds, as by planting a few of the following beautiful flowering shrubs, flowers may be had all through the summer with but little care after planting. *Prices:* Strong bushes, 40c. each; $3.00 per 10.

Berberry (ABC)—Yellow flowers succeeded by red berries.

Lonicera (ABC)—(Honeysuckle). Color pink; a climbing variety of rare beauty. Worthy of a place in every collection.

Hydrangea Paniculata Grandiflora (ABC)—A most beautiful shrub. Begins to bloom early in August and continues for several weeks. Also grown in tree form at 75 cents per tree.

Lilac (ABC)—The well-known shrub. Have the white and purple.

Snowball (ABC)—Large clusters of white flowers in June.

High Bush Cranberry (ABC)—Bears red berries, which are fine for pies and jelly.

SPIREA VAN HOUTTE (Bridal Wreath)

Spirea Van Houtte (Bridal Wreath) (ABC)—This beautiful flowering shrub deserves a place in every garden and lawn. Blooming most abundantly just at Decoration Day it is of extra value. The colored plate above gives a good idea of the appearance of this valuable shrub when in full bloom. Very hardy and succeeds everywhere. Makes a splendid, showy hedge when set two feet apart in hedge row. Strong bushes 40 cents each; $3.00 per 10; $25.00 per hundred.

Syringa (ABC)—Handsome foliage and beautiful white flowers.

Althea (BC)—(Rose of Sharon.)

Fringe (ABC)—Purple or Smoke Tree.

Climbing or Trailing Shrubs

(All ABC)

Each, 40 cents. $3.00 per 10.

Clematis

WE give much attention to this magnificient family of climbers. Nothing is more showy than vigorous plants of these climbers, which are adapted to any situation. They need rich soil, and are benefited by heavy mulching in summer and fall.

Henryi—White, flowers large and showy.

Jackmanni—Flowers large and of intense violet purple.

Paniculata—Medium size, pure white, borne in immense sheets.

Virginiana—This variety is very valuable for covering screens.

Other Climbing Shrubs

Wistaria — Very popular as a climber.

Ampelopsis Quinquefolia — A vigorous and hardy climber.

Summer and Fall Flowering Bulbs and Plants

(All (ABC) · Each, 30 cents. $2.50 per 10.

ROSE PÆONY

Pæonies — The colored plate above will give you an idea of the great beauty of our Hardy "Blizzard Belt" Pæonies. We have been developing this beautiful flower for years and have some extra fine varieties. In ordering state color preferred. We can supply pure white, rose, pink and dark red. Each, 30 cents; per 10, $2.50.

Dahlias — Red, silver, pink, yellow, and other shades.

Bleeding Heart — Brilliant, rosy, heart-shaped flowers.

Gladiolus — Beautiful flowers, produced on long spikes.

Perennial Phlox — The flowers are immense masses of bloom from the purest white to crimson. They grow to the height of two feet and are perfectly hardy. We can supply white, pink and red.

Golden Glow Flower — Is new, perfectly hardy, grows from four to six feet in a season, and blooms from July to September. The flowers are double, of a deep golden yellow and borne on long stems. Make a very effective bed and are desirable as cut flowers.

Lilium Auratum — The beautiful gold-banded lily of Japan.

Lilium Excelsum — Lemon Lily. Very fine, with showy lemon-colored flowers.

Lily of the Valley — Pure white. Each, 5 cents.

Tulips. Red, Blue, White, etc. Each, 5 cts.; 30 cts. per 10.

Crocus. Assorted colors, 25 cts. per 10; $1.00 per 100.

Hyacinths. All colors. Each 15 cts.; $1.25 per 10; $10.00 per 100.

Narcissus. Each 10 cts.; 75 cts. per 10; $5.00 per 100.

Roses

(All ABC)

THESE varieties are adapted for covering walls, trellises, etc., etc. Their rapid growth, perfect hardiness, luxuriant foliage, immense clusters of beautiful flowers, commend them to every one. Our roses should not be confounded with the small pot-grown plants sent out from greenhouses. Ours are all field-grown, and are strong bushes that will bloom at once.

PRICES, except as noted: Each, 30 cents; Per 10, $2.50.

Climbers

Prairie Queen. Beautiful pink, fading to nearly white.
Baltimore Belle. Pure white.
Crimson Rambler. We find this rose all that has been claimed for it. Flower Crimson. Very desirable.

Hybrid Perpetual Varieties

General Jacqueminot. Bright shining crimson.
General Washington. Color bright shining crimson.
Ulrich Brunner. Flowers large and full. Cherry color.
Marshall P. Wilder. Color, bright cherry carmine; very fragrant.
Madame Plantier. Pure white.
Coquette des Alps. Color pure white sometimes tinged with pink.
Baby Rambler. The greatest bedding and forcing rose in existence. It blooms every day of the year in the house and out of doors from May until it freezes in the fall. It is perfectly hardy, and remarkably vigorous and free from all insects and fungus troubles. It grows to the height of about 24 inches. Price 50 cts. each or $5.00 per dozen.
Mrs. John Laing — Color, a soft, delicate pink.
Rosa Rugosa. A very hardy roses.
La France. Delicate silvery rose, very large and full.
La Reine. Brilliant glossy rose; very large.

Tree Roses

Our tree roses are grafted on strong hardy stems at about four feet from the ground. They form fine little trees and make, when in bloom, a thing of beauty indeed. We have them in white, red, pink, yellow and rose colors. Each, $1.50.

Hedge Plants

A well kept hedge lasts for a lifetime and is a constant source of satisfaction to its owner.

For quick effect plant one foot apart.

	Per 100
Amour Berberry (ABC) — 8 to 12 inch	$6.00
Japanese Berberry (ABC) — 8 to 12 inch	8.00
Purple Berberry (BC) — 8 to 12 inch	8.00
California Privet (BC) — 1 to 2 feet	8.00
Arbor Vitæ (ABC) — 8 to 12 inch	10.00

German Iris

This beautiful family of flowers is coming rapidly into favor. See colored plate on opposite page. We can supply named varieties in following colors: red, white and blue.

PRICES, each, 30 cents; per 10, $2.50.

Orris Plant — This belongs to the Iris family. Blossom is like colored plate on opposite page only white. The dried root is the Orris Root of commerce and is the base of about all perfume powders. Roots easily grown and market demand steady.

PRICES, Strong Roots, each, 40 cents; per 10, $3.00; per 100, $25.00.

GERMAN IRIS—We grow this beauttful plant in large quantities. Can supply them in red, white and blue shades

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Plant Breeding and Experimental Grounds

Member of American Breeder's Association, Washington, D. C.

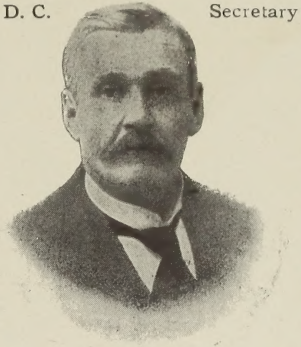
Life Member of

Iowa Hort. Society
Minnesota Hort. Society
Southern Minnesota Hort. Society

President of Gardner's Nursery Company

Fruit breeding has been carried on here for many years.

Our friends are cordially invited to come and inspect our grounds.



Secretary of the N. E. I. H. S. The next annual meeting will be held in Waterloo, Iowa, Nov. 14-15-16, 1911

Address all correspondence to me at Osage Iowa. Membership $1 per year.

Come and see the wonderful show on these grounds of new plums and other fruits. An extra fine exhibit of new cross-bred Everbearing Strawberry plants, Raspberries, Currants, Gooseberries, etc.

CHAS. F. GARDNER, Superintendent

Superintendent's Office, Osage, Iowa,

Field Investigations in Pomology
RECEIVED
MAR 2 1912
Answered.....

A FIELD OF LEMON LILIES

BEDS OF RHUBARB & APPLE SEEDLINGS

WEALTHY

BEDS OF ASPARAGUS & FOREST TREES

HARDY CATALPA SPECIOSA